

ABSTRACT OF THE DISCLOSURE

A terminal block for conductively coupling multiple pairs of electrical wires includes a deadfront cover mounted onto a non-conductive base so as to define multiple pairs of wire receiving receptacles, each pair of wire receiving receptacles being electrically connected together via a conductive bus bar. As one feature of the present invention, a conductive shunt can be disposed by means of a manually operable shunt switch to selectively contact all of the bus bars in order to discharge any current present thereon. As another feature of the present invention, a plurality of finger-safe captive screw assemblies are retained within the cover, each captive screw assembly including a screw which can be driven into a threaded bore formed in one end of a corresponding bus bar. As yet another feature of the present invention, multiple pairs of interchangeable end caps can be removably snap-fit mounted on the base to enable the terminal block to be retained onto a wide variety of different surfaces. As yet still another feature of the present invention, a DIN rail lock is retained between each end cap and the base and includes one or more sharpened teeth which can be driven into the surface of the DIN rail to lock the terminal block in place.